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REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (optional) 1826-310RI
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I hereby declare that:

The residence, mailing address and citizenship of the inventors are stated below.

I am authorized to act on behalf of the following assignee: Intersil Americas Inc.

and the title of my position with said assignee is: Vice President & Assistant Secretary

The entire title to the patent identified below is vested in said assignee.

Inventor <u>Ronald D. McCallister</u>	Citizenship <u>United States</u>
Residence/Mailing Address <u>7701 E. Onyx Court, Scottsdale, AZ 85258</u>	
Inventor <u>Bruce A. Cochran</u>	Citizenship <u>United States</u>
Residence/Mailing Address <u>1454 N. Parsell Circle, Mesa, AZ 85203</u>	
<input checked="" type="checkbox"/> Additional Inventors are named on separately numbered sheets attached hereto.	
Patent Number <u>6,104,761</u>	Date of Patent Issued <u>15 August 2000</u>
Title of Invention <u>Constrained-Envelope Digital-Communications Transmission System...</u>	

I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled:

Constrained-Envelope Digital-Communications Transmission System...

the specification of which

is attached hereto. and amended in a Preliminary Amendment attached  
 was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ /  
 and was amended on \_\_\_\_\_  
 (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

by reason of a defective specification or drawing.  
 by reason of the patentee claiming more or less than he had the right to claim in the patent.  
 by reason of other errors.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Reissue Application Declaration by the Assignee

Docket No. 1826-310RI  
Reissue Application for: 6,104,761

Additional Inventor:

Bradley P. Badke  
United States Citizen  
3181 W. Baylor Lane  
Chandler, Arizona 85226

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## REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (Optional)  
1826-310RI

At least one error upon which reissue is based is described as follows:

Prior art which would have rendered the broadest claims of the issued patent unpatentable was not considered.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

I hereby appoint:

 Practitioners at Customer Number:

32,095

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Correspondence Address: Direct all communications about the application to:

 Customer Number:

OR

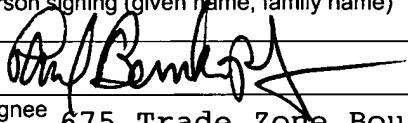
<input checked="" type="checkbox"/> Firm or Individual Name	Lowell W. Gresham, Meschkow & Gresham, PLC			
Address	5727 North Seventh Street, Suite 409			
Address				
City	Phoenix	State	Arizona	Zip 85014
Country	United States			
Telephone	(602) 274-6996	Fax	(602) 274-6970	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of person signing (given name, family name)

Paul Bernkopf

Signature



Date

11/18/03

Address of Assignee 675 Trade Zone Boulevard, Milpitas, CA 95035

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Intersil Americas, Inc.Application No./Patent No.: 6,104,761 Filed/Issue Date: 15 August 2000Entitled: Constrained-Envelope Digital-Communications Transmission System  
Intersil Americas, Inc., a Corporation and Method Therefor

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:Ronald D. McCallisterBruce A. Cochran1. From: Bradley P. Badke To: Sicom, Inc.The document was recorded in the United States Patent and Trademark Office at Reel 9431, Frame 0364, or for which a copy thereof is attached.2. From: Sicom, Inc. To: Intersil Americas, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

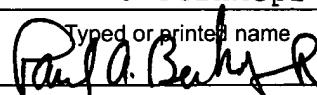
[  ] Copies of assignments or other documents in the chain of title are attached.[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/18/03Paul A. Bernkopf

Date

Typed or printed name

(321) 729-4715

Telephone number

Signature

Vice President & Assistant  
Title Secretary

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**REISSUE APPLICATION: CONSENT OF ASSIGNEE;  
STATEMENT OF NON-ASSIGNMENT**

Docket Number (Optional)

1826-310RI

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s)

Ronald D. McCallister, Bruce A. Cochran, and Bradley P. Badke

Patent Number

6,104,761

Date Patent Issued

15 August 2000

Title of Invention

Constrained Envelope Transmitter and Method Therefor

1.  Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)
  
2.  Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.

One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".

The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.

The assignee(s) owning an undivided interest in said original patent is/are Intersil Americas,  
and the assignee(s) consents to the accompanying application for reissue.

Inc.

Name of assignee/inventor (if not assigned)

Signature



Date

11/18/03

Typed or printed name and title of person signing for assignee (if assigned)

Paul Bernkopf, Vice President and Assistant Secretary

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SiCom, Inc.

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 08/26/2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) see attached  
schedule for complete listing

Additional name(s) & address(es) attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Nina D. Beck, IP Case Manager

Internal Address: O'Melveny & Myers LLP

Street Address: 275 Battery Street

26th Floor

City: San Francisco State: CA Zip: 94111

6. Total number of applications and patents involved: 30

7. Total fee (37 CFR 3.41).....\$ 1200.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

9. Signature.

Nina D. Beck

Name of Person Signing

Signature

Sept. 3, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**SICOM TO INTERSIL AMERICAS  
PATENT ASSIGNMENT – UNITED STATES**

This Patent Assignment is made between:

SiCom, Inc., a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 7585 E. Redfield Road, Scottsdale, Arizona 85260 USA, hereinafter referred to as "the Assignor," and

Intersil Americas, Inc., a corporation organized and existing under the laws of the State of Delaware, having a principal business address of 675 Trade Zone Boulevard, Milpitas, California 95035 USA, hereinafter referred to as "the Assignee."

Assignor has rights and interest in and to certain United States patents and patent applications identified on Schedule A to this Assignment ("Patent Property") and Assignee is desirous of acquiring any and all such interest in and to said Patent Property.

NOW, THEREFORE, be it known, that for good and valuable consideration, the receipt of which is hereby acknowledged by the Assignor, Assignor's entire right, title and interest in and to said Patent Property, the inventions disclosed and claimed therein, and any renewals, continuations, divisionals, continuation-in-parts, reissues, extensions, substitutions, foreign or domestic counterparts thereof, including any and all rights to apply for and obtain patents therefore in all foreign countries, the right to sue for, recover, and collect damages, costs, and attorneys' fees for past, present, and future infringement, is hereby sold, assigned, conveyed, and transferred to Assignee.

Assignee hereby accepts all right, title and interest in and to the Patent Property.

IN WITNESS whereof the parties hereto have executed this Assignment.

SiCom, Inc.

By: Paul A. Bernkopf  
Name: PAUL A. BERNKOPF  
Title: ASST. SECRETARY

Date: August 26, 2003

Intersil Americas, Inc.

By: Paul A. Bernkopf  
Name: PAUL A. BERNKOPF  
Title: V.P. & ASST. SECRETARY

Date: August 26, 2003

**SCHEDULE A  
TO  
SICOM TO INTERSIL AMERICAS  
PATENT ASSIGNMENT – UNITED STATES**

Title: COMPENSATING FOR DISTORTION IN A COMMUNICATION CHANNEL

Patent No.: 4922506

Issue Date: May 1, 1990

Application No.: 142707

Filing Date: January 11, 1988

Title: DATA COMMUNICATION MODULATION WITH MANAGED INTERSYMBOL  
INTERFERENCE

Patent No.: 5386202

Issue Date: January 31, 1995

Application No.: 146925

Filing Date: November 3, 1993

Title: SYMBOL TIMING RECOVERY BASED ON COMPLEX SAMPLE MAGNITUDE

Patent No.: 5671257

Issue Date: September 23, 1997

Application No.: 468921

Filing Date: June 6, 1995

Title: METHOD AND APPARATUS FOR TRANSLATING DIGITAL DATA INTO AN  
ANALOG SIGNAL

Patent No.: 5774084

Issue Date: June 30, 1998

Application No.: 627930

Filing Date: April 3, 1996

Title: ROTATIONALLY INVARIANT DIGITAL COMMUNICATIONS

Patent No.: 6392500

Issue Date: May 21, 2002

Application No.: 09/300624

Filing Date: April 27, 1999

Title: DISTORTION COMPENSATED DIGITAL COMMUNICATIONS RECEIVER AND  
METHOD THEREFOR

Patent No.: 6507628

Issue Date: January 14, 2003

Application No.: 09/391055

Filing Date: September 7, 1999

Title: PRAGMATIC TRELLIS-CODED DIGITAL COMMUNICATION WITH MULTI-STAGE BRANCH METRICS

Patent No.: 6236685

Issue Date: May 22, 2001

Application No.: 09/092840

Filing Date: June 5, 1998

Title: CONSTRAINED ENVELOPE TRANSMITTER AND METHOD THEREFOR

Patent No.: 6366619

Issue Date: April 2, 2002

Application No.: 09/635990

Filing Date: August 9, 2000

Title: CONSTRAINED ENVELOPE TRANSMITTER AND METHOD THEREFOR

Patent No.: 6104761

Issue Date: August 15, 2000

Application No.: 09/143230

Filing Date: August 28, 1998

Title: DIGITAL COMMUNICATION RECEIVER WITH DIGITAL IF, I-Q BALANCER

Patent No.: 6442217

Issue Date: August 27, 2002

Application No.: 09/576220

Filing Date: May 22, 2000

Title: COMMUNICATION SYSTEM WITH END TO END QUADRATURE BALANCE CONTROL

Patent No.: 6222878

Issue Date: April 24, 2001

Application No.: 09/407132

Filing Date: September 27, 1999

Title: QPSK/QBL-MSK WAVEFORM ENHANCEMENT

Patent No.: 5818867

Issue Date: October 6, 1998

Application No.: 708807

Filing Date: September 9, 1996

Title: RAPID SYNCHRONIZATION FOR COMMUNICATION SYSTEMS

Patent No.: 5818832

Issue Date: October 6, 1998

Application No.: 740016

Filing Date: October 23, 1996

Title: RAPID SYNCHRONIZATION FOR COMMUNICATION SYSTEMS

Patent No.: 6041088

Issue Date: March 21, 2000

Application No.: 09/095357

Filing Date: June 10, 1998

Title: INTERFERENCE TOLERANT SPREAD SPECTRUM RECEIVER AND METHOD THEREFOR

Patent No.: 5953365

Issue Date: September 14, 1999

Application No.: 08/853157

Filing Date: May 8, 1997

Title: TRELLIS CODED MODULATION COMMUNICATIONS USING PILOT BITS TO RESOLVE PHASE AMBIGUITIES

Patent No.: 5878085

Issue Date: March 2, 1999

Application No.: 09/912155

Filing Date: August 15, 1997

Title: SIGNAL CONVERTER USING MULTIPLE DATA STREAMS AND METHOD THEREFOR

Patent No.: 5870047

Issue Date: February 9, 1999

Application No.: 08/885539

Filing Date: July 7, 1997

Title: ROTATIONALLY INVARIANT PRAGMATIC TRELLIS-CODED DIGITAL COMMUNICATION SYSTEM AND METHOD THEREFOR

Patent No.: 5995551

Issue Date: November 30, 1999

Application No.: 08/912225

Filing Date: August 15, 1997

Title: PRAGMATIC ENCODER AND METHOD THEREFOR

Patent No.: 5910967

Issue Date: June 8, 1999

Application No.: 08/954550

Filing Date: October 20, 1997

Title: PRAGMATIC DECODER AND METHOD THEREFOR

Patent No.: 6078625

Issue Date: June 20, 2000

Application No.: 08/954762

Filing Date: October 20, 1997

Title: DATA COMMUNICATION SYSTEM AND METHOD THEREFOR

Patent No.: 6005897

Issue Date: December 21, 1999

Application No.: 08/991385

Filing Date: December 16, 1997

Title: PRAGMATIC TRELLIS-CODED MODULATION SYSTEM AND METHOD THEREFOR

Patent No.: 6097764

Issue Date: August 1, 2000

Application No.: 09/048612

Filing Date: March 26, 1998

Title: PHASE-NOISE COMPENSATED DIGITAL COMMUNICATION RECEIVER AND METHOD THEREFOR

Patent No.: 6363124

Issue Date: March 26, 2002

Application No.: 09/680877

Filing Date: October 6, 2000

Title: PHASE-NOISE COMPENSATED DIGITAL COMMUNICATION RECEIVER AND METHOD THEREFOR

Patent No.: 6151368

Issue Date: November 21, 2000

Application No.: 09/273388

Filing Date: March 22, 1999

Title: DIGITAL TUNER

Patent No.: 6141389

Issue Date: October 31, 2000

Application No.: 09/350485

Filing Date: July 9, 1999

Title: REMOTE POWER AMPLIFIER LINEARIZATION

Application No.: 09/884000

Filing Date: 19-Jun-2001

Title: CONSTRAINED-ENVELOPE DIGITAL COMMUNICATIONS TRANSMITTER AND METHOD THEREFOR

Application No.: 09/967408

Filing Date: 28-Sep-2001

Title: DIGITAL TRANSMITTER WITH CONSTRAINED ENVELOPE AND SPECTRAL REGROWTH OVER A PLURALITY OF CARRIERS

Application No.: 09/967419

Filing Date: 28-Sep-2001

Title: POWER AMPLIFIER LINEARIZER THAT COMPENSATES FOR LONG-TIME  
CONSTANT MEMORY EFFECTS AND METHOD THEREFOR

Application No.: 10/071736

Filing Date: 06-Feb-2002

Title: A GENETIC ALGORITHM FOR ADAPTIVE POWER AMPLIFIER LINEARIZATION

Application No.: 10/294936

Filing Date: 12-Nov-02